

H.S./14-8-02
H.S./IDS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

MACHIDA

Serial No. 09/957,461

Filed: September 21, 2001

For: MAGNETIC RESONANCE IMAGING FOR A PLURALITY OF
SELECTIVE REGIONS SET TO OBJECT CONTINUOUSLY
MOVED



Atty. Ref.: 2382-21

Group:

Examiner:

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April 5, 2002

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO-1449, a copy of each of which is enclosed. This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

Respectfully submitted,
NIXON & VANDERHYE P.C.

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INFORMATION DISCLOSURE CITATION		ATTY. DOCKET NO.	SERIAL NO.			
		2382-21	09/957,461			
		APPLICANT				
		MACHIDA				
(Use several sheets if necessary)		FILING DATE	GROUP			
APR 05 2002		September 21, 2001				
U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5111144	5/92	Kuhn			
	5498961	3/96	Kuhn et al			
	5636636	6/97	Kuhn et al			
	5969525	10/99	Van Driel et al			
FOREIGN PATENT DOCUMENTS						
DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)						
	Herlihy et al, "Continuous Scanning Using Single Shot Fast Spin Echo on a Short Bore Neonatal Scanner", PROC. ISMRM '98, p. 1942					
	Machida et al, "Velocity Independent Phase-Shift Stabilization (VIPS) Technique in FSE Flow Imaging", PROC. INTL. SOC. MAGN. RESON. MED. 7 (1999), p. 1910					
	Japanese Patent Publication Laid-opn (Unexamined) No. 8-71056 published on March 19, 1996, filed on Sept. 5, 1994, applicant: Kabushiki Kaisha Toshiba, and inventor: H. Kanazawa - partial translation					
*Examiner		Date Considered				

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

BACKGROUND ART INFORMATION

TOSHIBA

The following information has been determined, to the best of TOSHIBA's ability, as possibly relevant to the describing and claiming of the invention of the subject case in a U.S. patent application. Based on this information and pursuant to 37 CFR 1.56(b), please prepare and file the proper Information Disclosure Statement or equivalent document.

★ PATENT NUMBER,
PUBLICATION ; INVENTOR(S), ; DATE etc.

A. H. Herlihy, et.al. "Continuous Scanning using Single Shot Fast Spin Echo on a short Bore Neonatal Scanner, Proc. ISMRM'98,
★ CONCISE EXPLANATION P. 1942

★ Japanese Patent (Kokai) ~~6-211131~~ 8-71056

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INVENTOR'S INFORMATION

PRIOR APPLICATION(S) OF INVENTOR(S) OR OF KABUSHIKI KAISHA TOSHIBA (ASSIGNEE)
APPLICATION NUMBER TOSHIBA REFERENCE COUNTRY

AGENT

MEMO

INVENTOR(S)

SIGNATURE & DATE

CHECKED BY

Ayoshio Machida Jul. 27, 2001

PATENT ENGINEER'S INFORMATION

PATENT ENGINEER'S COMMENT ON INVENTOR(S) INFORMATION OR PATENT ENGINEER'S INFORMATION

★ US Pat 5,111,144, 4,493,961, 5,636,636, 5,969,525

★ Each discloses an X.R. imaging method in which a patient is displaced during an examination.

CHECKED BY
K. Mark

PATENT ENGINEER(S)
SIGNATURE & DATE

S. Takeo 8/17/01

(to U.S.
Attorney)

TOSHIBA REFERENCE

98 G 32776

JAPANESE AGENT REFERENCE

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